

**SECTION I**  
**AMENDMENTS**

**IN THE SPECIFICATION:**

Please insert the following replacement paragraph at page 6, lines 13-17:

FIG. 1 is a schematic diagram showing a leptin-kemptide, a malic enzyme- kemptide, and a leptin-Ab1 peptide, which were produced by the present invention. In FIG. 1, kemptide and Ab1 peptide as substrate peptides are fused with leptin and malic enzyme as linker proteins in a monomer form (SEQ ID NOs: 1 and 8, respectively) and in a dimer form where monomers are linked to each other by proline (SEQ ID NOs: 13 and 14, respectively).

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